

WV905

MODEL



WebView I/O DIN Rail Mount Power Supply, 24VDC @ 0.5A

BENEFITS

- Compact package: requires less than .75 inches of din-rail space
- 120/230V auto-ranging input power
- Thermal shutdown
- Overcurrent shutdown with automatic restart
- UL, CSA and CE mark

DESCRIPTION

The model WV905 power supply can be used to operate most 24VDC instruments including Action's WebView I/O™, Ultra SlimPak®, and Action/I/Q™ models. The WV905 converts from 85 to 265VAC (120 to 300VDC) to 24VDC at 0.5Amps. The output has over current shutdown with automatic restart and thermal shutdown. The input is protected by a fuse, a thermistor for inrush current protection, and a varistor for over voltage.

The WV905 is the perfect power source for the WebView I/O signal conditioners. The integrated power jumping system makes short work for connecting power without the need for "daisy-chaining" power wires.

SPECIFICATIONS

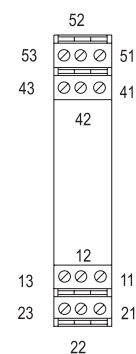
Input Voltage	
Typical:	115 to 239VAC $\pm 10\%$, 50/60Hz
Minimum:	85VAC, 120VDC
Maximum:	265VAC, 300VDC
Input Current (Average values for reference only)	
@115VAC:	250mA RMS $\pm 20\%$
@230VAC:	150mA RMS $\pm 20\%$
@ 125VDC:	125mA $\pm 20\%$
@250VDC:	65mA $\pm 20\%$
Output Voltage	24VDC
Output Current (max)	0.5A
Input Protection	
Fuse:	2A slow blow (internal)
Inrush Current:	Thermistor
Over voltage:	Varistor
Switching Frequency	100kHz
Efficiency @ max load	79%
Maximum Ripple	0.1%
Regulation	
Load (10 to 100% load):	0.2%
Line:	0.2% 85VAC to 265VAC in
Overload Protection	Over current shutdown w/ automatic restart plus thermal shutdown
Max. Load Capacitance on Output	
	5.000 μ F

Hold Time (Full output current after loss of input)	
@115VAC:	14ms
@230VAC:	70ms
Temperature	
Operating:	-20°C to 50°C (full rated load)
Storage:	-40°C to 85°C
Humidity	
Operating:	20 to 85%RHNC
Storage:	20 to 90%RH
Isolation	
Input to Output:	3kV
Input/Output to Rail:	4kV
Input to Ground:	1.5kV
Output to Ground:	500V
Wire Size	26-12AWG (0.1-4.0mm ²)
Dimensions (LxWxH)	
Inches:	3.54 x 0.71 x 4.43
mm:	90 x 18 x 112.5
Weight	
ounces:	4.94
grams:	140
Mounting	TS35 DIN Rail
Agency Approvals	UL, CSA, CE mark

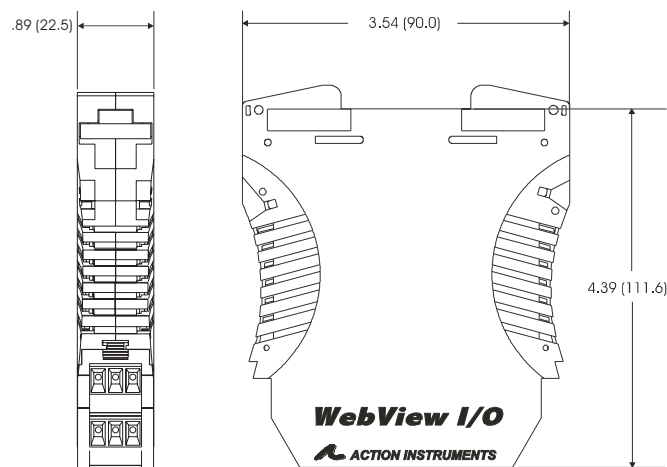
TERMINAL CONNECTIONS

Pin	Description
11	DC Power (+)
12	DC Power (+)
13	DC Power (+)
21	DC Power (-)
22	DC Power (-)
23	DC Power (-)
41	Line In (115-230VAC)
42	Earth Ground
43	Neutral
51	No Connection
52	No Connection
53	No Connection

TERMINAL DESIGNATIONS



DIMENSIONS



ORDERING INFORMATION

Specify Model:

1. WV905-0000

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